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मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

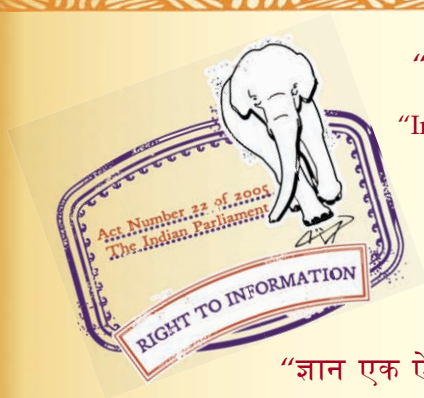
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

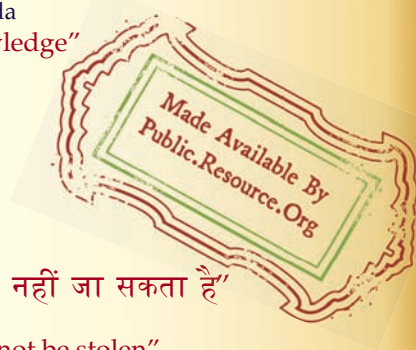
IS 11533 (1985): Sheep Dressing Hooks [FAD 18: Slaughter House and Meat Industry]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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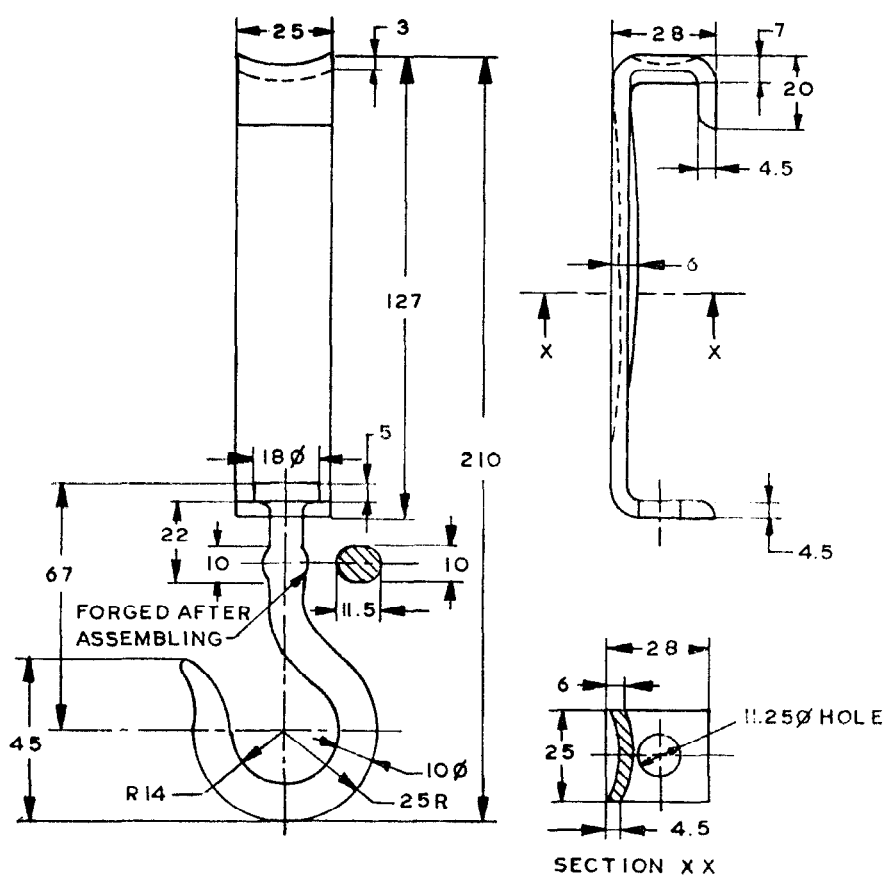




*Indian Standard*

## SPECIFICATION FOR SHEEP DRESSING HOOKS

- 1. Scope** — Specifies the material, dimensions and other requirements for sheep dressing hooks for use in semi-automatic abattoirs.
- 2. Description** — The sheep dressing hook shall consist of the hook rod attached to a flat section with swivelling arrangement to suit the sliding rails.
- 3. Material** — The flat section and the hook rod shall be made from mild steel [ *see* IS : 226-1975 Specification for structural steel ( standard quality ) ( *fifth revision* ) ] or stainless steel ( *see* IS : 6603-1972 Specification for stainless steel bars and flats ).
- 4. Shape and Dimensions**
- 4.1** The shape and dimensions of the sheep dressing hooks shall be as given in Fig. 1.



**All dimensions in millimetres.**

FIG. 1 SHEEP DRESSING HOOK

- 4.1.1 The tolerance for various dimensions shall be  $\pm 5$  percent.
- 5. Constructional Requirements**
- 5.1 The mass of a sheep dressing hook shall be 300 grams  $\pm 5$  percent.
- 5.1.1 Hooks shall be of uniform mass and the mass of each hook shall not vary by more than 5 percent of the nominal mass.

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5.2 The hook shall not bend when a load of 100 kg  $\pm$  5 percent is applied.

5.3 The flat section shall be selected taking into consideration the dimensions of the overhead rail system ( see IS : 6628-1972 Specification for slide rails for use in abattoirs ). The flat section shall make minimum contact on the rail to ensure easy mobility.

6. **Workmanship and Finish** — The hook shall be free from flaws, burrs, pits and sharp edges.

### 7. Marking

7.1 Each sheep dressing hook shall be marked with the following information at a convenient place.

- a) Manufacturer's name or trade-mark, if any;
- b) Year of manufacture;
- c) Batch or code number; and
- d) Nominal mass of the hook.

7.2 *ISI Certification Marking* — Details available with the Indian Standards Institution.

8. **Packing** — The sheep dressing hooks shall be packed in wooden boxes or as agreed to between the manufacturer and the purchaser.

9. **Sampling** — The method of drawing representative samples of sheep dressing hooks and the criteria for conformity shall be as given in Appendix A.

## A P P E N D I X A

( Clause 9 )

### SAMPLING OF SHEET DRESSING HOOKS

#### A-1. Scale of Sampling

A-1.1 *Lot* — In any consignment of the sheep dressing hooks of the same type, shape, size and belonging to the same batch of manufacture shall be grouped together to constitute a lot.

A-1.2 For ascertaining the conformity of the material to the requirements of this specification, samples shall be tested from each lot separately.

A-1.3 The number of sheep dressing hooks to be selected from a lot shall depend on the size of the lot and shall be according to col 1 and 2 of Table 1.

TABLE 1 SCALE OF SAMPLING AND PERMISSIBLE NUMBER OF DEFECTIVES

( Clause A-1.3 )

Number of Sheep Dressing Hooks in the Lot	For Visual and Dimensional Requirements		Number of Hooks in the Sub-sample for Bend Test
	Number of hooks to be selected	Permissible number of defectives	
( 1 )	( 2 )	( 3 )	( 4 )
Up to 100	5	0	2
101 „ 300	13	1	2
301 „ 500	32	3	3
501 „ 1000	50	5	5
1001 and above	80	7	8

A-1.3.1 These sheep dressing hooks shall be selected at random from the lot. In order to ensure the randomness of selection, procedures given in IS : 4905-1968 'Methods for random sampling' may be followed.

**A-2. Number of Tests and Criteria For Conformity**

**A-2.1** All the sheep dressing hooks selected according to **A-1.3** shall be examined for all the visual and dimensional requirements ( see **4.1, 5.1, 5.3** and **6** ) A hook failing to satisfy any one or more of these requirements shall be considered as defective. The lot shall be considered as conforming to these requirements if the number of defectives found in the sample is less than or equal to the corresponding number of permissible number of defectives given in col 3 of Table 1.

**A-2.2** The lot having been found satisfactory according to **A-2.1** shall be further subjected to bend test given in **5.2**. For this purpose, a sub-sample of size given in col 4 of Table 1 shall be taken from the lot. These hooks may be selected from those already examined according to **A-2.1** and found satisfactory. The lot shall be declared as conforming to the requirements of this specification if none of the hooks subjected to the bend test fails to satisfy the requirements of this test.

**E X P L A N A T O R Y   N O T E**

Sheep dressing hooks are used for hanging carcasses in semi-automatic abattoirs for dressing the carcasses.